399

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to Roads Drains and other Maintanance in Manjunathanagara and sorrounding Area in ward No 14 Bagalagunte

Sanctioned Estimate Amount: 99.80 Lakhs

Sanctioned Tender Amount:

Tender Premium: 4.93% Above

Name of the Contractor: Sri.Narayanappa Venkatareddy

WORKSLIP STATEMENT

Sl. No.	Description of Item	Unit	As per Modified (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	Dismantling of Existing Structures like Culverts bridges retaining walls and other structure comprising of masonry cement concrete wood work steel work including T&P and scaffolding wherever necessary sorting the dismantled material disposal of unservisable material and stacking the serviceble material with all lifts complete as per specification	Cum	64.80	390.00	25272.00	126.15	81.00	390.00	31590.00	45.15	390.00	17608.50	49198.50	23926.50		-
2	KSRB 2-2 : Earthwork excavation by manual means in Ordinary Soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications KBS 2.1(a) / 2.3.5 (KPWD SR 2018-19, Page No.6, Item No.2.3)	Cum	1829.90	145.00	265335.50	1815.00	1815.00	145.00	263175.00	0.00	145.00	0.00	263175.00		2160.50	
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (KPWD SR 2018-19, Page No.13, Item No.4.2)	Cum	105.75	5997.00	634182.75	151.16	132.19	5997.00	792743.43	18.97	5997.00	113763.09	906506.52	272323.77		-
4	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design Mix M20 with OPC @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications.Specification No. KBS 4.1, 4.6(KPWD SR 2018-19, Page No.14, Item No.4.11)	Cum	231.00	7544.00	1742664.00	282.73	282.73	7544.00	2132915.12	0.00	7544.00	0.00	2132915.12	390251.12		-

5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work TMT bars Fe500 including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 (KPWD SR 2018-19, Page No.18, Item No.4.46.2)	Tonnc	16.19	75899.00	1228804.81	19.52	**19.52**	**75899.00**	**1481548.48**	0.00	**75899.00**	**0.00**	**1481548.48**	**252743.67**		-
6	Providing and fixing Precast RCC slab of 100mm thick for drain in cement concrete 1;1.5;3, using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints in cement mortar 1;3 including form work etc complete	Sqm	1161.00	1695.00	1967895.00	1397.80	**1397.80**	**1695.00**	**2369271.00**	0.00	**1695.00**	**0.00**	**2369271.00**	**401376.00**		
7	Removing Resetting of foot path slab and with all lead and lift charges and complete the work as per specifications	Sqm	2790.00	219.00	611010.00	2790.00	**2790.00**	**219.00**	**611010.00**	0.00	**219.00**	**0.00**	**611010.00**			
8	Providing Ruled Pointing to stone slabs pavements with cement mortar 1;3 20mm deep after racking the joints including cost of materials labour curing complete as per specification	Sqm	5580.00	51.00	284580.00	2790.00	**2790.00**	**51.00**	**142290.00**	0.00	**51.00**	**0.00**	**142290.00**		142290.00	
9	Providing and laying Pre Cast Drain Cover slabs of 250mm thick of mix M20 using graded granite jelly 20mm down size with steel reinforcement, including from work, lift charges, curing and concrete finished surfaces on both side etc. complete and as per drawing and direction of Engineer-in-charge of work	Sqm	252.00	4835.00	1218420.00	73.86	**73.86**	**4835.00**	**357113.10**	0.00	**4835.00**	**0.00**	**357113.10**		861306.90	
10	KSRRB M600 -1 Construction of dry lean cement concrete mix CC 1;5;10 with opc cement @160 kgs with 25mm and down size graded granite metal coarse aggregates at 0.86 cum and fine aggregates at 0.58 cum sub base over a prepared sub grade with coarse and fine aggregates conforming to IS 383 aggregates cement ratio not exceeding 15;1 aggregates gradation after blending to be as per table - 600-1 cement content not to be less than 160kg/cum optimum moisture content to be determined during trail length construction concrete strength not to be less than 10 Mpa at 7 including cost of material labour curing etc complete as per specification	Cum	83.19	4143.00	344656.17	42.12	**42.12**	**4143.00**	**174503.16**	0.00	**4143.00**	**0.00**	**174503.16**		170153.01	

11	Construction of un reinforced cement concrete pavement thickness as per design over a prepared sub base with opc cement at any other type as per clause 1051.2.2 design mix M 20/30 with 25mm and down size graded granite metal course aggregates and fine aggregates with super plastisiser @3 ltrs conforming to IS 9103-1999 Reaffirmed -2008 mixed in concrete mixer of not less than 0.60 cum capacity and appropriate weigh batcher as per approved mix design laid in a approved fixed side form work spreading the concrete with shovels rackers compacted using needle screed and plate vibrators and finished in a continous operation including provision of contraction expansion joints including groove cutting charges joint filler seperation member joint sealant admixtures as approved curing finishing to all line and grade etc complete as per specifications	Cum	83.19	5618.00	467361.42	82.65	**82.65**	**5618.00**	**464327.70**	0.00	**5618.00**	**0.00**	**464327.70**		3033.72	
12	Cost of Haulage Excluding loading and unloading MORTH 100/ Chapter 1 Case 1 Surface Road item 17.4 KSRRB M 100-1 Loading and un loading of stone aggregates of stone boulders /stone aggregates /Sand /kank / Murrum , KSRRB M 100-1 Placing Tipper at loading point loading with front load er dumping turning for return trip excluding time for haulage and return trip complete as per specification	Cum	1894.70	165.00	312625.50	1941.15	**1941.15**	**165.00**	**320289.75**	0.00	**165.00**	**0.00**	**320289.75**	**7664.25**		
13	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification 40 mm jelly and with all lead and lift	Cum	0.87	1995.00	1735.65	0.00	**0.00**	**1995.00**	**0.00**	0.00	**1995.00**	**0.00**	**0.00**		1735.65	
14	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification 20 mm jelly and with all lead and lift	Cum	0.87	1995.00	1735.65	0.00	**0.00**	**1995.00**	**0.00**	0.00	**1995.00**	**0.00**	**0.00**		1735.65	
15	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification Course Sand and with all lead and lift	Cum	0.65	2781.00	1807.65	0.00	**0.00**	**2781.00**	**0.00**	0.00	**2781.00**	**0.00**	**0.00**		1807.65	

16	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification Fine Sand and with all lead and lift	Cum	0.43	2781.00	1195.83	0.00	0.00	2781.00	0.00	0.00	2781.00	0.00	0.00		1195.83	
17	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification 12.5 mm chips and with all lead and lift	Cum	0.65	1995.00	1296.75	0.00	0.00	1995.00	0.00	0.00	1995.00	0.00	0.00		1296.75	
18	Supplying and laying and jointing HDPE Pipe of specified grade and conforming to IS 4984 -995 with latest amendments and conveying to work site including and and unloading at both destinations and rolling and lowering in to trenches laying true to line and jointing of pipe and specials giving hydraulic testi as per relevent ISS with all lead and lifts etc complete as per specifications	Mtr	12.60	12719.00	160259.40	0.00	0.00	12719.00	0.00	0.00	12719.00	0.00	0.00		160259.40	
19	Providing Geonets for Rainwater harvesting pit on top of the filter media as specified in drawings or bas approved by Engineer incharge and Complete the work	Sqm	2.17	1995.00	4329.15	0.00	0.00	1995.00	0.00	0.00	1995.00	0.00	0.00		4329.15	
	TOTAL				9275167.23								9272148.33	1348285.31	1351304.21	

Percentage of excess comparing to the sanctioned Estimated cost = $\frac{1348285.31}{9275167.23}$ x 100 = 14.54%

Assistant Engineer
Ward No.14
BBMP

Assistant Executive Engineer
Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Division
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvement of Roads, drains and other maintanance in Manjunathanagara and sorrounding Area in ward No 14 Bagalagunte

Sanctioned Estimate Amount: 99.80 Lakhs

Sanctioned Tender Amount: 92,75,167.23

Tender Premium: 4.93 % Above

Name of the Contractor: Sri.Narayanappa Venkatareddy

COMPARATIVE STATEMENT

Sl. No.	Description of Item	Unit	As per Modified (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
1	Dismantling of Existing Structures like Culverts bridges retaining walls and other structure comprising of masonry cement concrete wood work steel work including T&P and scaffolding wherever necessary sorting the dismantled material disposal of unservisable material and stacking the serviceble material with all lifts complete as per specification	Cum	64.80	390.00	25272.00	126.15	81.00	390.00	31590.00	45.15	390.00	17608.50	49198.50	23926.50		-
2	KSRB 2-2 : Earthwork excavation by manual means in Ordinary Soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above in width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. including breaking of clods complete as per specifications KBS 2.1(a) / 2.3.5 (KPWD SR 2018-19, Page No.6, Item No.2.3)	Cum	1829.90	145.00	265335.50	1815.00	1815.00	145.00	263175.00	0.00	145.00	0.00	263175.00		2160.50	
3	KSRB 4-1.2 : Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (KPWD SR 2018-19, Page No.13, Item No.4.2)	Cum	105.75	5997.00	634182.75	151.16	132.19	5997.00	792728.44	18.97	5997.00	113763.09	906491.53	272308.78		-

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			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
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5	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work TMT bars Fe500 including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 (KPWD SR 2018-19, Page No.18, Item No.4.46.2)	Tonne	16.19	75899.00	1228804.81	19.52	**19.52**	**75899.00**	**1481548.48**	0.00	**75899.00**	**0.00**	**1481548.48**	252743.67		
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7	Removing Resetting of foot path slab and with all lead and lift charges and complete the work as per specifications	Sqm	2790.00	219.00	611010.00	2790.00	**2790.00**	**219.00**	**611010.00**	0.00	**219.00**	**0.00**	**611010.00**			
8	Providing Ruled Pointing to stone slabs pavements with cement mortar 1;3 20mm deep after racking the joints including cost of materials labour curing complete as per specification	Sqm	5580.00	51.00	284580.00	2790.00	**2790.00**	**51.00**	**142290.00**	0.00	**51.00**	**0.00**	**142290.00**		142290.00	

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10	KSRRB M600 -1 Construction of dry lean cement concrete mix CC 1:5:10 with opc cement @160 kgs with 25mm and down size graded granite metal coarse aggregates at 0.86 cum and fine aggregates at 0.58 cum sub base over a prepared sub grade with coarse and fine aggregates conforming to IS 383 aggregates cement ratio not exceeding 15:1 aggregates gradation after blending to be as per table -600 1 cement content not to be less than 160kg/cum optimum moisture content to be determined during trail length construction concrete strength not to be less than 10 Mpa at 7 including cost of material labour curing etc complete as per specification	Cum	83.19	4143.00	344656.17	42.12	**42.12**	**4143.00**	**174503.16**	0.00	**4143.00**	**0.00**	**174503.16**		170153.01	
11	Construction of un reinforced cement concrete pavement thickness as per design over a prepared sub base with opc cement at any other type as per clause 1051.2.2 design mix M 20/30 with 25mm and down size graded granite metal course aggregates and fine aggregates with super plastisiser @3 ltrs conforming to IS 9103-1999 Reaffirmed -2008 mixed in concrete mixer of not less than 0.60 cum capacity and appropriate weigh batcher as per approved mix design laid in a approved fixed side form work spreading the concrete with shovels rackers compacted using needle screed and plate vibrators and finished in a continous operation including provision of contraction expansion joints including groove cutting charges joint filler seperation member joint sealant admixtures as approved curing finishing to all line and grade etc complete as per specifications	Cum	83.19	5618.00	467361.42	82.65	**82.65**	**5618.00**	**464327.70**	0.00	5618.00	**0.00**	**464327.70**		3033.72	

S. No.	Description of Item	Unit	As per Modified (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
12	Cost of Haulage Excluding loading and unloading MORTH 100/ Chapter 1 Case 1 Surface Road item 17.4 KSRRB M 100-1 Loading and un loading of stone aggregates of stone boulders /stone aggregates /Sand /kank / Murram , KSRRB M 100-1 Placing Tipper at loading point loading with front load er dumping turning for return trip excluding time for haulage and return trip complete as per specification	Cum	1894.70	165.00	312625.50	1941.15	**1941.15**	**165.00**	**320289.75**	0.00	**165.00**	**0.00**	**320289.75**	**7664.25**		
13	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification 40 mm jelly and with all lead and lift	Cum	0.87	1995.00	1735.65	0.00	**0.00**	**1995.00**	**0.00**	0.00	**1995.00**	**0.00**	**0.00**		1735.65	
14	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification 20 mm jelly and with all lead and lift	Cum	0.87	1995.00	1735.65	0.00	**0.00**	**1995.00**	**0.00**	0.00	**1995.00**	**0.00**	**0.00**		1735.65	
15	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification Course Sand and with all lead and lift	Cum	0.65	2781.00	1807.65	0.00	**0.00**	**2781.00**	**0.00**	0.00	**2781.00**	**0.00**	**0.00**		1807.65	
16	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification Fine Sand and with all lead and lift	Cum	0.43	2781.00	1195.83	0.00	**0.00**	**2781.00**	**0.00**	0.00	**2781.00**	**0.00**	**0.00**		1195.83	
17	Filling in foundation with granite/trap broken metal 100 mm and down size with approved sand including hand packing ramming watering including cost of all materials and labour with all lead up to 50 mtr and lift up to 1.50 mtr complete as per specification 12.5 mm chips and with all lead and lift	Cum	0.65	1995.00	1296.75	0.00	**0.00**	**1995.00**	**0.00**	0.00	**1995.00**	**0.00**	**0.00**		1296.75	

No.	Description of Item	Unit	As per Modified (BOQ)			Executed	Upto 125%			Above 125%			Total Amount as per actuals	Excess	Savings	Remarks
			Qty	Rate	Amount	Qty	Qty	Rate	Amount	Qty	Rate	Amount				
18	Supplying and laying and jointing HDPE Pipe of specified grade and conforming to IS 4984 - 995 with latest amendments and conveying to work site including and and unloading at both destinations and rolling and lowering in to trenches laying true to line and jointing of pipe and specials giving hydraulic testi as per relevent ISS with all lead and lifts etc complete as per specifications	Mtr	12.60	12719.00	160259.40	0.00	**0.00**	**12719.00**	**0.00**	0.00	**12719.00**	**0.00**	**0.00**		160259.40	
19	Providing Geonets for Rainwater harvesting pit on top of the filter media as specified in drawings or bas approved by Engineer incharge and Complete the work	Sqm	2.17	1995.00	4329.15	0.00	**0.00**	**1995.00**	**0.00**	0.00	**1995.00**	**0.00**	**0.00**		4329.15	
	TOTAL				**9275167.23**								**9272133.34**	**1348270.32**	**1351304.21**	

Total Sanctioned Tender Amount	**Rs. 92,75,167.21**
Total cost of the project after Work slip	**Rs. 92,72,133.34**
Net Savings Amount of Work Slip	**Rs. 3,033.87**
Total % Savings to the Tendered Amount	**0.033%**

Hence there is no Extra Financial Implication to BBMP, kindly approve the WORKSLIP proposal

Assistant Engineer
Ward No.14
BBMP

Assistant Executive Engineer
Dasarahalli Sub Division
BBMP

Executive Engineer
Dasarahalli Division
BBMP